

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER WI. 2129PCT-US  U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="font-size: 2em; font-weight: bold;">10/542901</div>
INTERNATIONAL APPLICATION NO. PCT/EP2004/050022	INTERNATIONAL FILING DATE 16 January 2004	PRIORITY DATE CLAIMED 30 January 2003
TITLE OF INVENTION Printing Machine, Operating Method of the Printing Machine and Printed Products		
APPLICANT(S) FOR DO/EO/US Bolza-Schunemann, Claus August		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input checked="" type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).  Items 11 to 20 below concern document(s) or information included: 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input checked="" type="checkbox"/> A substitute specification. 16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="font-size: 2em; font-weight: bold; text-align: center;">10/542901</div>		INTERNATIONAL APPLICATION NO. PCT/EP2004/050022		ATTORNEY'S DOCKET NUMBER W1.2129PCT-US	
20. Other items or information: <div style="text-align: center; font-weight: bold; margin-top: 10px;">SEE ATTACHMENT</div>					
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300				\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))  If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations..... \$200				\$ 200.00	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400 All other situations..... \$500				\$ 400.00	
<b>TOTAL OF 21, 22 and 23 =</b>				900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE	
- 100 =	/50 =			x \$250	\$
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	79 - 20 =	59	x \$ 50	\$ 2950.00	
Independent claims	3 - 3 =	0	x \$200	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 3850.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
<b>SUBTOTAL =</b>				\$ 3850.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
<b>TOTAL NATIONAL FEE =</b>				\$ 3850.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 40.00	
<b>TOTAL FEES ENCLOSED =</b>				\$ 3890.00	
				Amount to be refunded:	\$
				Amount to be charged	\$

10/542901

JC14 Rec'd PCT/PTO 21 JUL 2005  
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a. ☒ A check in the amount of \$ 3,890.00 to cover the above fees is enclosed. Check No. 19321
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 10-1213. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

## SEND ALL CORRESPONDENCE TO:

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SIGNATURE

Douglas R. Hanscom

NAME

26,600

REGISTRATION NUMBER

Attorney's Docket No.: W1.2129PCT-US

## ATTACHMENT

- A) Twenty Five (25) Sheets of Formal Patent Drawings
- B) WO 2004/067275 A1 published August 12, 2004
- C) International Search Report Dated June 24, 2004, with translation.
- D) Chapter II Demand dated August 24, 2004
- E) Letter from KBA dated August 24, 2004, with Article 34 Claims, with translation
- F) Letter from KBA dated February 17, 2005, with translation
- G) Letter from KBA dated March 14, 2005, with translation
- H) Letter from KBA dated March 18, 2005, with translation
- I) Informal Discussion with Applicant dated May 4, 2005, with translation
- J) IPER dated May 4, 2005, with translation

Translation of the pertinent portions of a Notification  
Regarding Informal Discussions with Applicant, mailed  
05/04/2005

An informal discussion between the office charged with  
the international preliminary examination and Applicant / his  
attorney took place on 03/14/2005.

A copy of the minutes of this discussion (Form  
PCT/IPEA/428) is attached for your information.

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[Form PCT/IPEA/428]

Application No.: PCT/EP2004/050022

Minutes Regarding an Informal Telephone Discussion with  
Applicant

A copy of these minutes is being forwarded to Applicant for  
his information.

**Participants**

Applicant:	Koenig & Bauer Aktiengesellschaft
Representative:	Hoffmann, No. 45506
Examiner:	Duquénoy, A.

**Summary of the Discussion**

03/14/2005

Duquénoy, A

1. Reference is made to the following documents:

D1: EP-A-0 638 419  
D2: Finkbeiner, G.  
D3: USP 5,179,899  
D4: DE 24 06 509 A  
D5: EP-A-1 110 722  
D6: US 2002/0053294 A1

2. The discussion (see Rule 66.6 PCT) was based on documents D1, D2, D4, D6, which represent the closest prior art.

3. NOVELTY

3.1 Applicant stressed the following differences between the prior art and his invention in accordance with claim 1:

- nowhere in the prior art is a printing tower mentioned, which has two satellite units and a **further printing group** arranged above it.

- Document D2 does not disclose a printing press with a cylinder width for imprinting **six** side-by-side arranged printed pages with a single cylinder circumference, but four printed pages with double cylinder circumference,

- Document D2 (Fig. 5) or document D6 (Fig. 1) disclose four and respectively six printing units stacked on top of each other, however, the printing units are not satellite printing units, but bridge printing units.

- In D2 (Figs. 1 to 5) and D6 (Fig. 1), the transfer cylinders are arranged "rubber-against-rubber", i.e. the running web lies between the oppositely located transfer cylinders.

- Document D4 discloses a width of **six** side-by-side printed pages to be imprinted, but neither discloses two stacked satellite printing units nor an additional printing group.

The Examiner agrees with this.

N.B.: In the course of the discussion the term "additional printing unit" in accordance with the specification or claim 19 was used. The correct term in claim 1 should be "further printing group".

3.2 The Examiner agrees with Applicant that claim 1 meets the requirements of Article 33(2) PCT in regard to novelty.

#### 4. INVENTIVE ACTIVITIES

4.1 Applicant believes that claim 1 meets the requirements of Article 33(3) PCT in regard to inventive activities for the following reasons:

- The prior art is quite remote/different [from] the present invention.

- For any combination of documents D1 and D2, or D1, or D4 or D2 and D4 therefore a goal-oriented type of action to that effect would require a step, and thus is the basis for the presence of inventive activities in order to arrive at the subject of claim 1.

- The combination of all characteristics from the various steps and parts of the documents would in the opinion of the Examiner [?] represent a post ex facto view.

4.2 The Examiner was of the opinion that independent claim 1 relates to a slight structural change of the printing press disclosed in document D1 with at least two stacked satellite printing units, which lies within the scope of what one skilled in the art would be accustomed to do based on considerations with which he is familiar, in particular since the advantages gained thereby (**the more stacked printing groups the printing press has, or the wider the cylinder is, the greater the variability in the product which is made possible**) can be easily foreseen. Therefore the subject of claim 1 is also not based on inventive activities.

The characteristic "further printing group or two three-cylinder printing groups" constitutes only one of several obvious possibilities (see D2) from which one skilled in the art would make an appropriate selection without inventive steps in accordance with the circumstances for attaining the stated object. For this purpose it is already known from D2 to stack several printing groups (satellite printing groups, one or two three-cylinder printing groups ...).

#### 5. MISCELLANY

5.1 In the course of the telephone conversation, Applicant has requested in accordance with Art. 34(2)(a) (b) to submit changes in claims 1, 2, 5.

These changes were sent by fax on the day of the telephone conversation and will be considered in the international preliminary examination report.

5.2 In accordance with Rule 66.4bis PCT, the Examiner will take the changes into consideration and will provide his decision in the International Preliminary Examination Report (see Rule 70 PCT).